

**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

**Part Numbers:** PPS7-PPS16  
**Spec Number:** PPS  
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**Issue:** 1  
**Issue Date:** 11/01/2017  
**Effective Date:** 11/13/2017

**A. Technical Details**

- 1) Material
  - a) Body PA 6 (Polyamide 6)
  - b) Cap PA 6 (Polyamide 6)
  - c) Seal CR (Chloroprene Rubber)
- 2) Color
  - a) Gray, RAL 7001
- 3) Protection Class
  - a) IP 68 5 Bar, 30 min
  - b) IP 66
- 4) Flammability
  - a) V2 (According to UL94)
- 5) Temperature Rating
  - a) Permanent -20°C to +100°C
  - b) Intermittent -30°C to +150°C
- 6) Thread Type
  - a) PG according to DIN 40430
- 7) Approvals
  - a) UL UL 514
  - b) CSA CSA C22.2



Size	Clamping Range Ø min-max		Thread Length TL		Thread Ø TD		Spanner Width SW CAP		Spanner Width SW BODY		Outer Ø D		Max. Height H		Part Number
	mm	inch	mm	inch	mm	inch	mm	Inch	mm	Inch	mm	inch	mm	inch	
<b>PG 7</b>	3,0-6,5	0.118-0.256	8,0	0.315	12,5	0.492	15	0.591	15	0.591	17,2	0.677	57,5	2.264	PPS7
<b>PG 9</b>	4,0-8,0	0.157-0.315	8,0	0.315	15,2	0.598	19	0.748	19	0.748	21,8	0.858	69,4	2.732	PPS9
<b>PG 11</b>	5,0-10,0	0.197-0.394	8,0	0.315	18,6	0.732	22	0.866	22	0.866	25,3	0.996	81,6	3.213	PPS11
<b>PG 13.5</b>	6,0-12,0	0.236-0.473	10,0	0.394	20,4	0.803	24	0.945	24	0.945	27,6	1.087	93,5	3.681	PPS13
<b>PG16</b>	10,0-14,0	0.394-0.551	10,0	0.394	22,5	0.886	27	1.063	27	1.063	31,1	1.224	106,0	4.173	PPS16

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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